

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[AHS 0424]

APRIL 2024

Sub. Code: 3001

B.Sc. CLINICAL NUTRITION
FIRST YEAR (Regulation 2018-2019 onwards)
PAPER I – BASIC NUTRITION
Q. P. Code: 803001

Time: Three hours

Answer ALL Questions

Maximum : 100 Marks

I. Elaborate on:

(3 x 10 = 30)

1. Explain the role of Vitamin A in Vision.
2. Discuss in detail about Protein Energy Malnutrition. Explain the effect of under Nutrition and infections on the growth and development of a child.
3. Classify and give the functions of Carbohydrates.

II. Write notes on:

(8 x 5 = 40)

1. Nutrition for Sports person.
2. Role of Dietary fibre.
3. What is Essential Fatty Acid?
4. Functions of Sodium and Potassium.
5. Effect of Cooking and Heat Processing on nutritive value of Foods.
6. Classify food based on Nutrients.
7. Discuss the functions of Proteins in our body.
8. Function and deficiency of Ascorbic Acid.

III. Short answers on:

(10 x 3 = 30)

1. Name the source of PUFA and MUFA in regular diet.
2. Glycemic Index.
3. Hypokalemia.
4. List out the cooking methods.
5. Dextrin.
6. Water as Nutrient.
7. Define Food.
8. Iron Deficiency Anaemia.
9. Triglycerides.
10. Peptides.
